

# Breakout Team Resources

<https://indico.bnl.gov/conferenceOtherViews.py?view=standard&confId=1741>

## sPHENIX MAPS Cost & Schedule Workfest

from Wednesday, 30 March 2016 at **09:00** to Friday, 1 April 2016 at **17:30** (US/Mountain)  
at **El Dorado Hotel ( DeVargas )**

Manage ▾


**Description** The purpose of this 3 day workfest is to define and document the cost and schedule for the MAPS based tracking options under consideration for the sPHENIX detector. The interactive workfest format will be organized into topical breakout teams with MAPS, engineering, and C&S experts we are gathering from ALICE, sPHENIX, and other projects and will minimize time spent in presentations.

Update 3/2/16: The workfest will be held at the El Dorado Hotel. The hotel is located just a short walk west of the historic downtown square. See <http://www.eldoradohotel.com> for more hotel details. We've arranged for a block of rooms is available now and can be booked at the workfest/gov't rate (\$99/night) if you follow: <https://gc.synxis.com/rez.aspx?Hotel=63150&Chain=17123&Dest=Santa Fe &template=GCF&shell=GCF&locale=en-US&arrive=3/29/2016&depart=4/1/2016&adult=1&child=0&group=sPHENIX> which will lead you to a web form for the conference. If you decide to call the hotel directly at 505-995-4500, our call-in/group code for the reservations is: sPHENIX.

FAQ: *Should I fly out of ABQ on Friday evening or Saturday morning?*

The answer to this is if you can find a suitable flight or not. We expect that some participants will book flights out Friday evening and leave the workfest in the afternoon to take those flights. Not all participants will find a flight and so Saturday morning will be an option for them. Our plan is to be finalizing the C&S document on Friday afternoon. The organizers will stay until the end of the day and go to dinner with the remaining participants. The drive from Santa Fe to the airport (ABQ) will take approximately 1 hour.

**Material**

Folder 

**Organizers** [mccumber@bnl.gov](mailto:mccumber@bnl.gov), [ming@bnl.gov](mailto:ming@bnl.gov)

Go to day ▾

Wednesday, 30 March 2016

09:00 - 12:00

Morning Plenary

09:00 **Welcome** 5'

Speaker: Dr. Ming Liu (LANL)

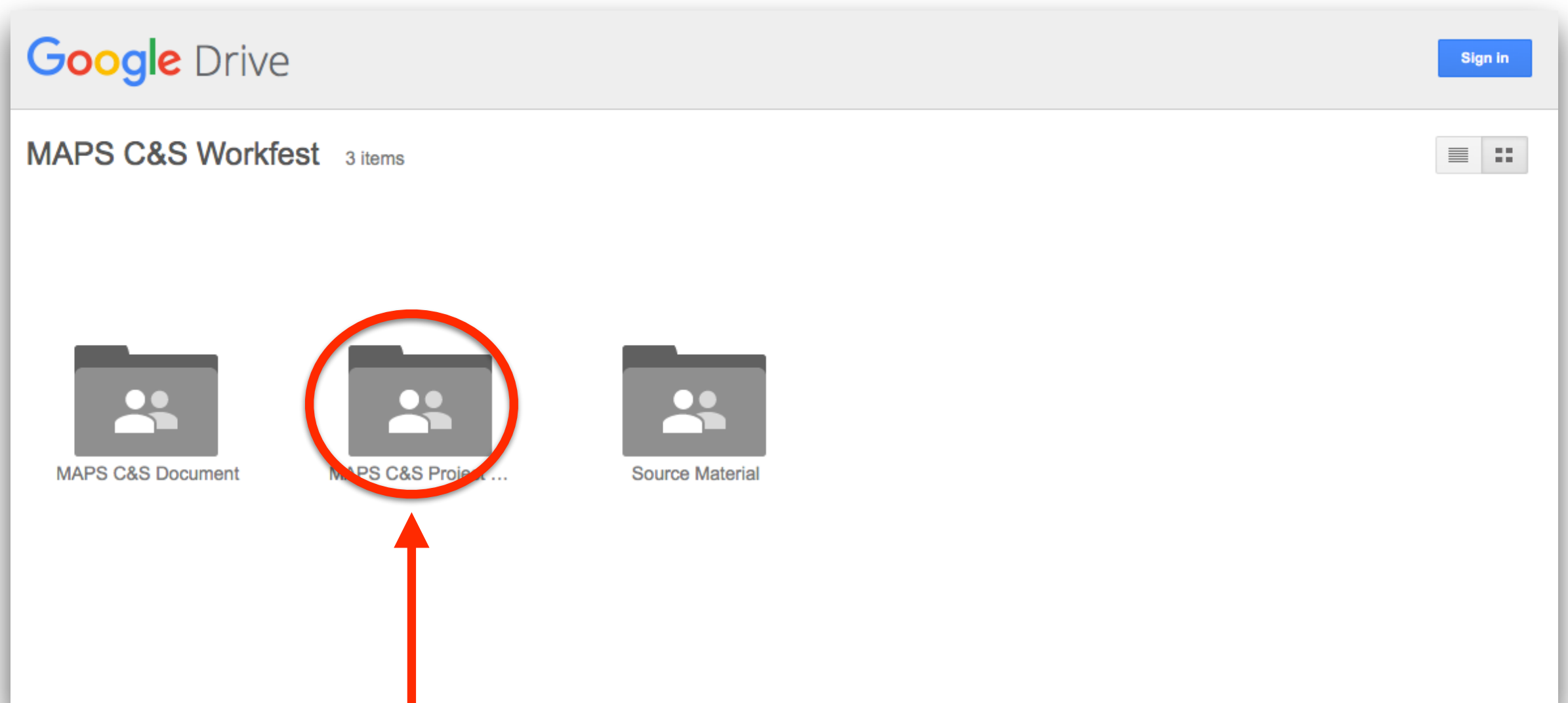
09:05 **MAPS in sPHENIX** 20'

Speaker: Prof. Tony Frawley (FSU)

09:25 **Draft Cost & Schedule Document and Project File** 20'

Speaker: Dr. David Lee (LANL)

# Breakout Team Resources



Copy of Latest  
MS Project File

# Breakout Team Resources

The image shows a Google Drive interface. At the top, the Google Drive logo and a 'Sign In' button are visible. Below the header, the breadcrumb path is '[MAPS C&S Workfest](#) > MAPS C&S Project File', with '2 items' listed to the right. Two file thumbnails are displayed. The first thumbnail is labeled 'sPITschedule-03211...'. The second thumbnail is labeled 'sPITschedule-03281...'. A red circle is drawn around a specific data point in the second thumbnail, and a red arrow points to it from the upper right.

Google Drive

Sign In

MAPS C&S Workfest 3 items

Google Drive

Sign In

[MAPS C&S Workfest](#) > MAPS C&S Project File 2 items

sPITschedule-03211...

sPITschedule-03281...

# Breakout Team Resources

Google Drive

PDF sPITschedule-032816.pdf

Sign In

Google

MAPS C&S Work

Sign In

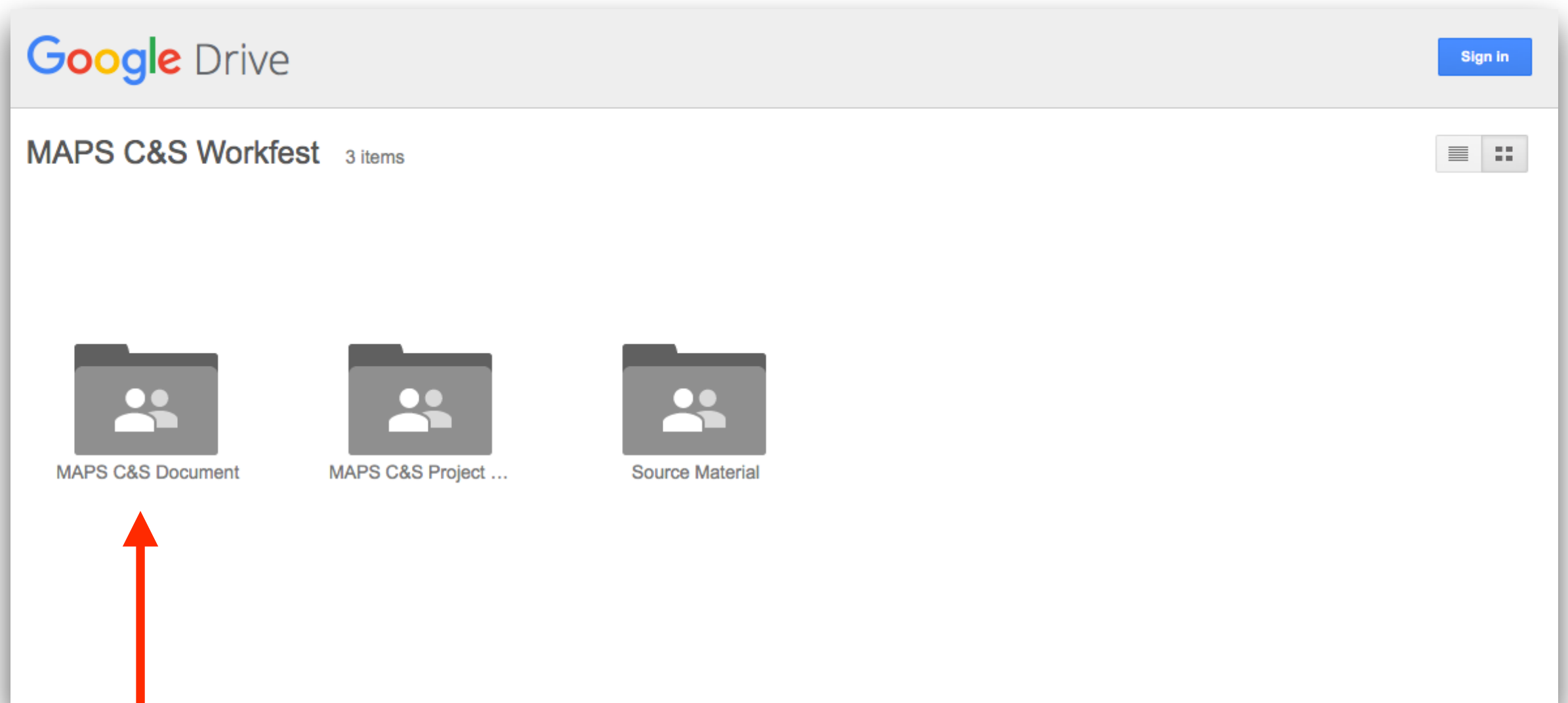
MAPS

sPITschedule-03211...

2 of 2 items

ID	Task Name	Duration	Start	Finish	Date	First Date	Last Date	Predecessors	Resource
1	1.000 Project	180 days	Mon 3/28/16	Tue 10/24/16	10/24/16	10/24/16	10/24/16		Project Manager
2	2.000 Design	15 days	Mon 3/28/16	Mon 4/11/16	4/11/16	4/11/16	4/11/16	1	Design Engineer
3	3.000 Development	10 days	Mon 4/11/16	Mon 4/25/16	4/25/16	4/25/16	4/25/16	2	Software Engineer
4	4.000 Testing	5 days	Mon 4/25/16	Mon 5/9/16	5/9/16	5/9/16	5/9/16	3	QA Engineer
5	5.000 Deployment	2 days	Mon 5/9/16	Mon 5/23/16	5/23/16	5/23/16	5/23/16	4	Operations Engineer
6	6.000 Maintenance	10 days	Mon 5/23/16	Mon 6/6/16	6/6/16	6/6/16	6/6/16	5	Support Engineer
7	7.000 Training	5 days	Mon 6/6/16	Mon 6/20/16	6/20/16	6/20/16	6/20/16	6	Trainer
8	8.000 Evaluation	5 days	Mon 6/20/16	Mon 7/4/16	7/4/16	7/4/16	7/4/16	7	Evaluator
9	9.000 Reporting	5 days	Mon 7/4/16	Mon 7/18/16	7/18/16	7/18/16	7/18/16	8	Analyst
10	10.000 Project Close	5 days	Mon 7/18/16	Mon 8/1/16	8/1/16	8/1/16	8/1/16	9	Project Manager

# Breakout Team Resources



Chapters for a  
C&S Document

(provided we get this far)

# Breakout Team Resources

Google Drive

[MAPS C&S Workfest](#) > MAPS C&S Document 8 items

Sign in

1. Executive Overview

2. Scientific Impact

3. Tracking Overview

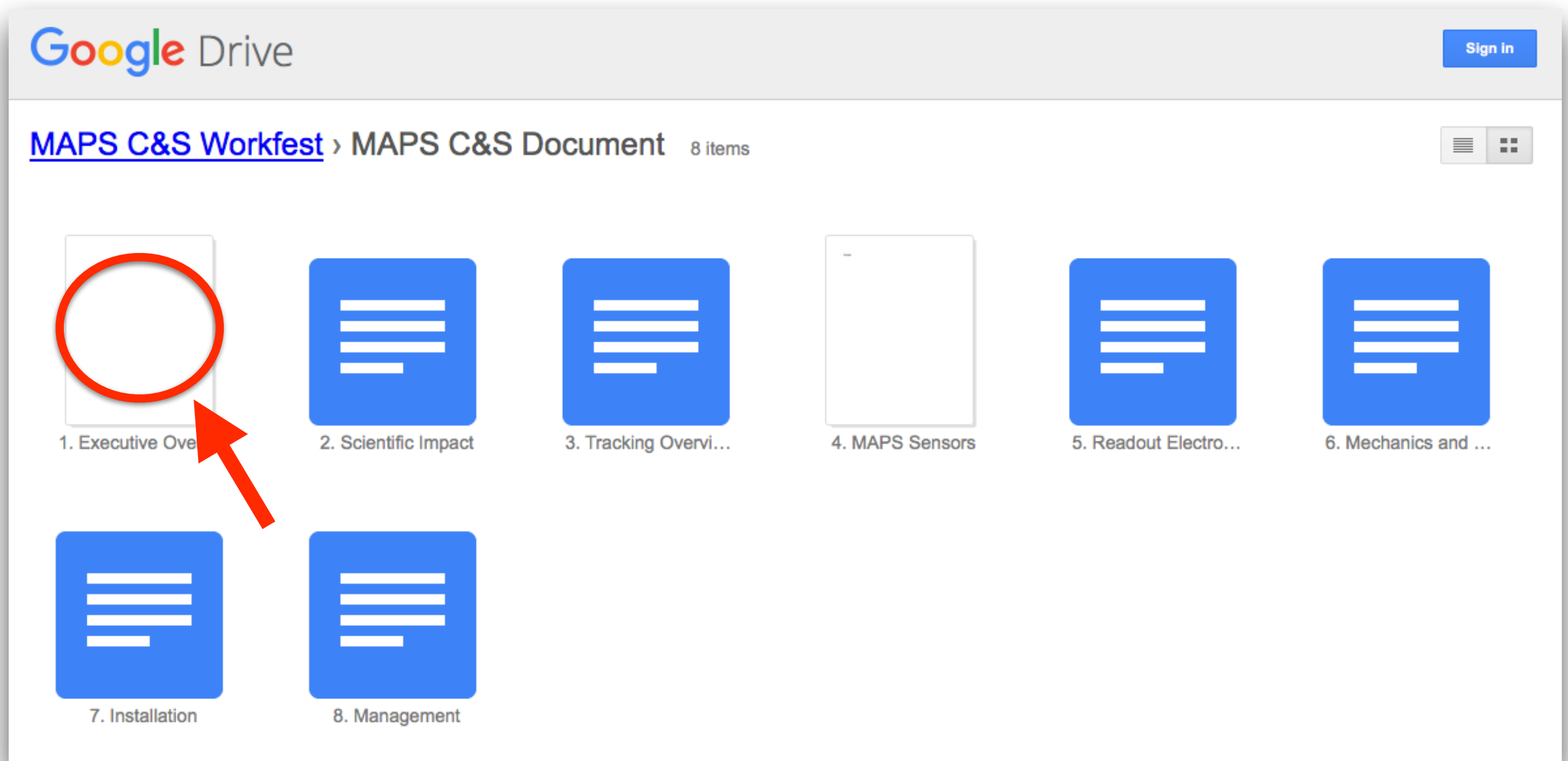
4. MAPS Sensors

5. Readout Electronics

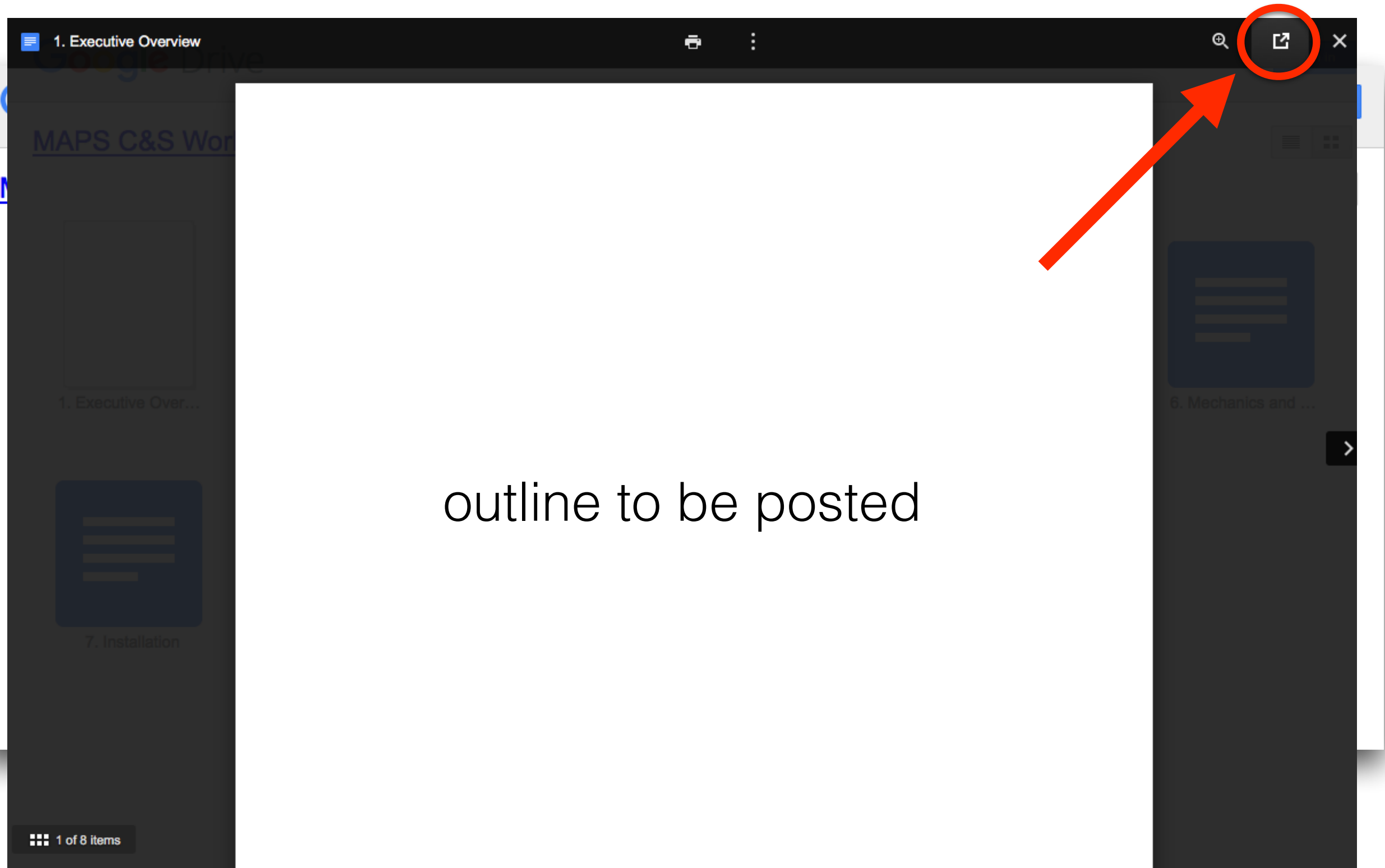
6. Mechanics and ...

7. Installation

8. Management

The image shows a Google Drive interface. At the top, the Google Drive logo is on the left and a 'Sign in' button is on the right. Below the header, the breadcrumb path is '[MAPS C&S Workfest](#) > MAPS C&S Document' followed by '8 items'. On the right side of the breadcrumb, there are two icons: a list view icon and a grid view icon. The main area displays eight items in a grid. The first item, '1. Executive Overview', has a white square icon with a red circle around it and a red arrow pointing to it. The other seven items have blue square icons with white horizontal lines. The items are labeled as follows: '1. Executive Overview', '2. Scientific Impact', '3. Tracking Overview', '4. MAPS Sensors', '5. Readout Electronics', '6. Mechanics and ...', '7. Installation', and '8. Management'.

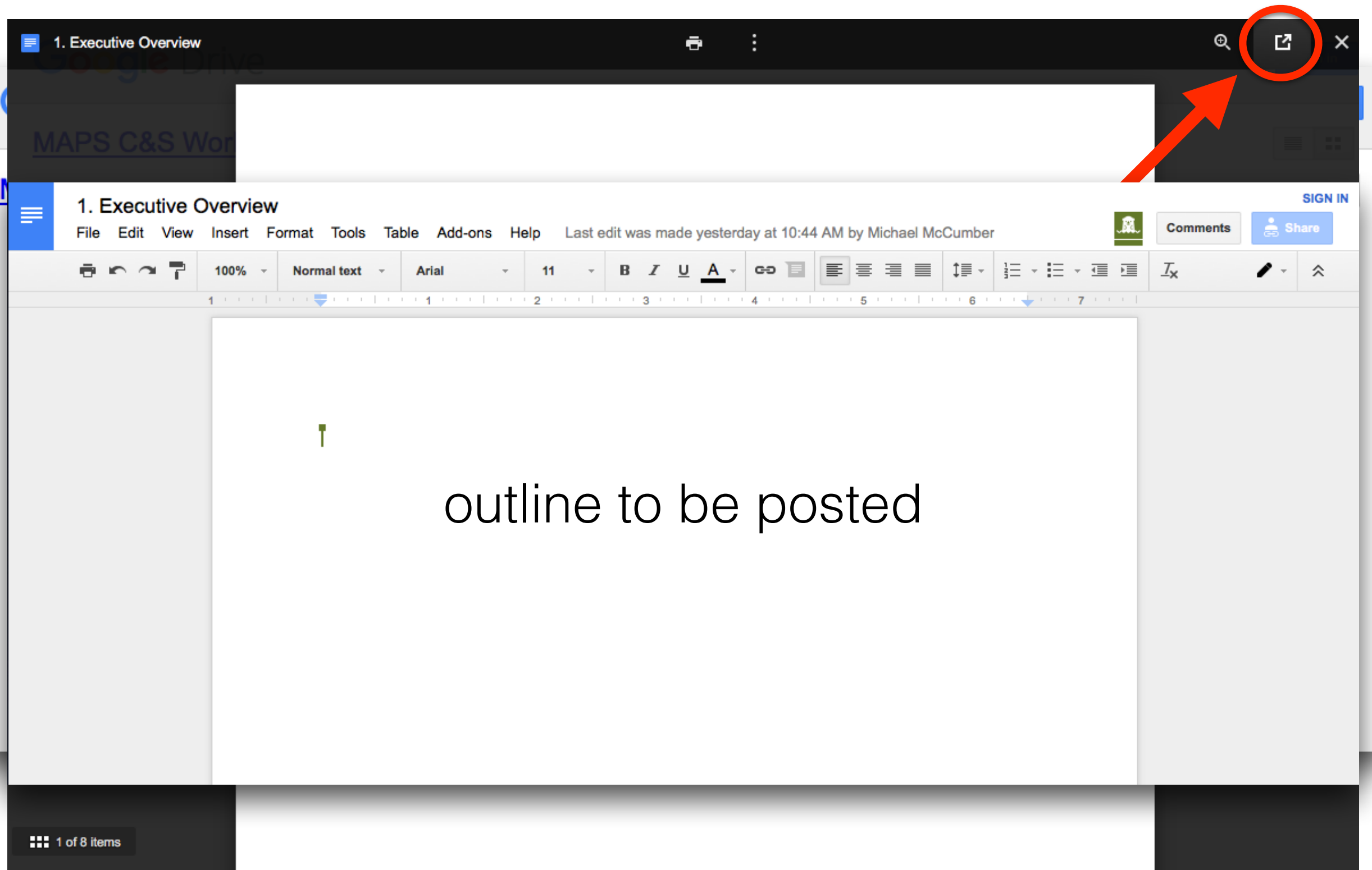
# Breakout Team Resources



outline to be posted



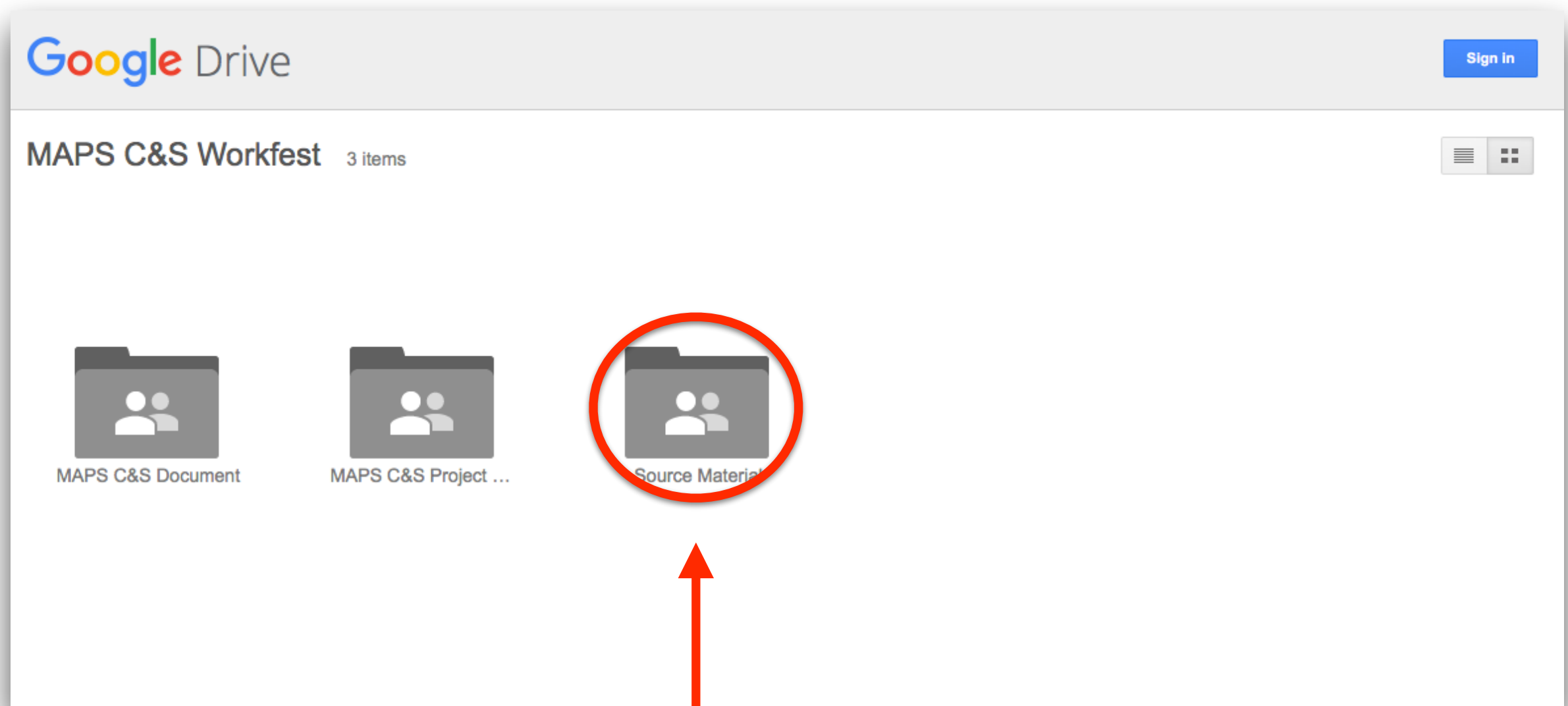
# Breakout Team Resources



Sign into Google to upload pictures, everything else can be done without sign in

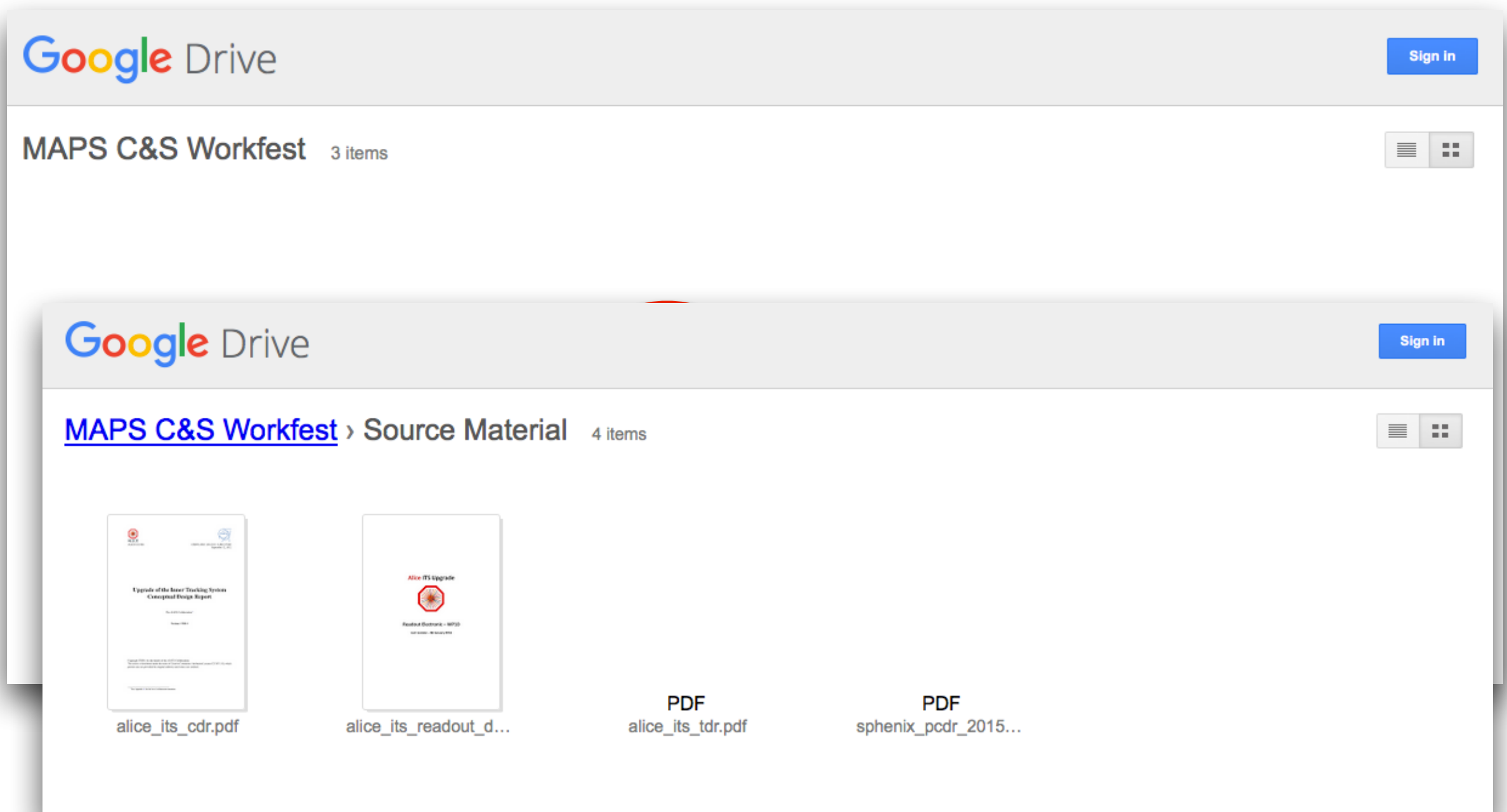


# Breakout Team Resources



Upload Area for Reference Materials

# Breakout Team Resources



Sign into Google to upload, otherwise send it/pass it to me:  
[mccumber@bnl.gov](mailto:mccumber@bnl.gov)

# Breakout Team Organization

**Gold Team:** Project Experts

**WBS 1.4,1.9**, FTE & Budget Summaries

- 1. Executive Overview
- 8. Management

Suggested Membership:

*Ed O'Brien*

*Flemming Videbaek*

**Green Team:** Detector Hardware Experts

**WBS 1.5,1.6,1.7,1.10.1-8,1.11**

- 4. MAPS Sensors
- 5. Readout Electronics

*Leo Greiner*

**Red Team:** Engineering Experts

**WBS 1.8,1.12,1.10.9-12,1.12**

- 6. Mechanics and Servicing
- 7. Installation

*Walter Sondheim*  
*Hubert Van Hecke*

**Blue Team:** Science and Simulation Experts

Tracking Code Development / sPHENIX tutorials

- 2. Scientific Impact
- 3. Tracking Overview

*Tony Frawley*

# Breakout Team Organization

This afternoon:

- Break into teams Gold, Green, & Red

- Blue join one of the above

- Focus on parts of the Project File for 3-layer Tracker

- Document discussion and open questions (note taker)

- Research and fill in details, look for missing items

- Compare with ITS C&S

- Pass changes to project file manager (aka me)

Tomorrow Morning:

- Expand this into full tracker project file